



Hunters Point Radiological Program Update

Hunters Point Naval Shipyard
BCT Meeting
January 24, 2013



Overview

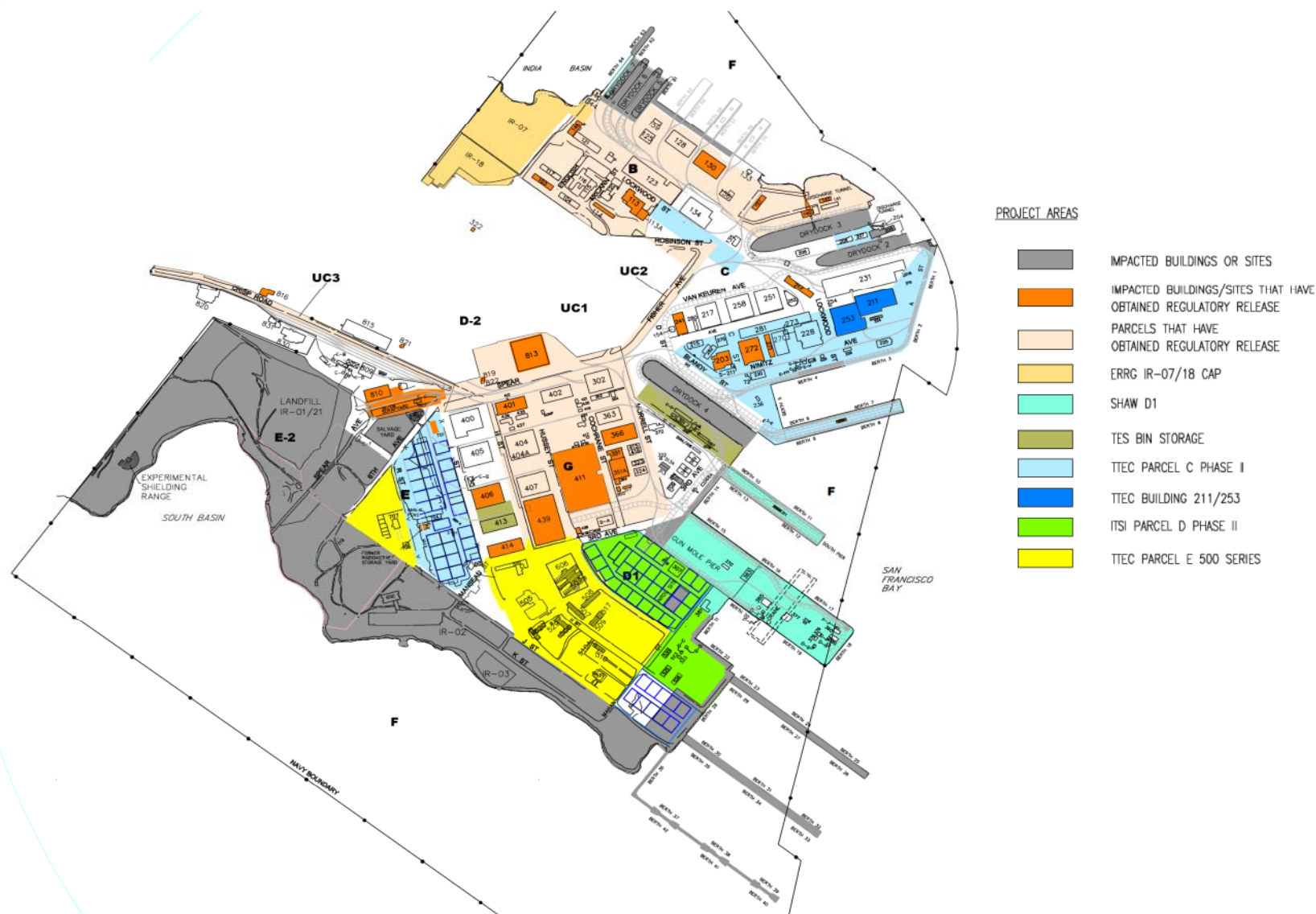


Radiological Project Work Overview

- Current Project Map
- SS/SD Removal and Building Survey Update
 - Parcel C
 - Buildings 253 and 211
 - Parcel E 500-Series
 - Parcel D-1
 - Phase I & Phase II



2013 Radiological Projects





Parcel C Storm Drain & Sewer Removals

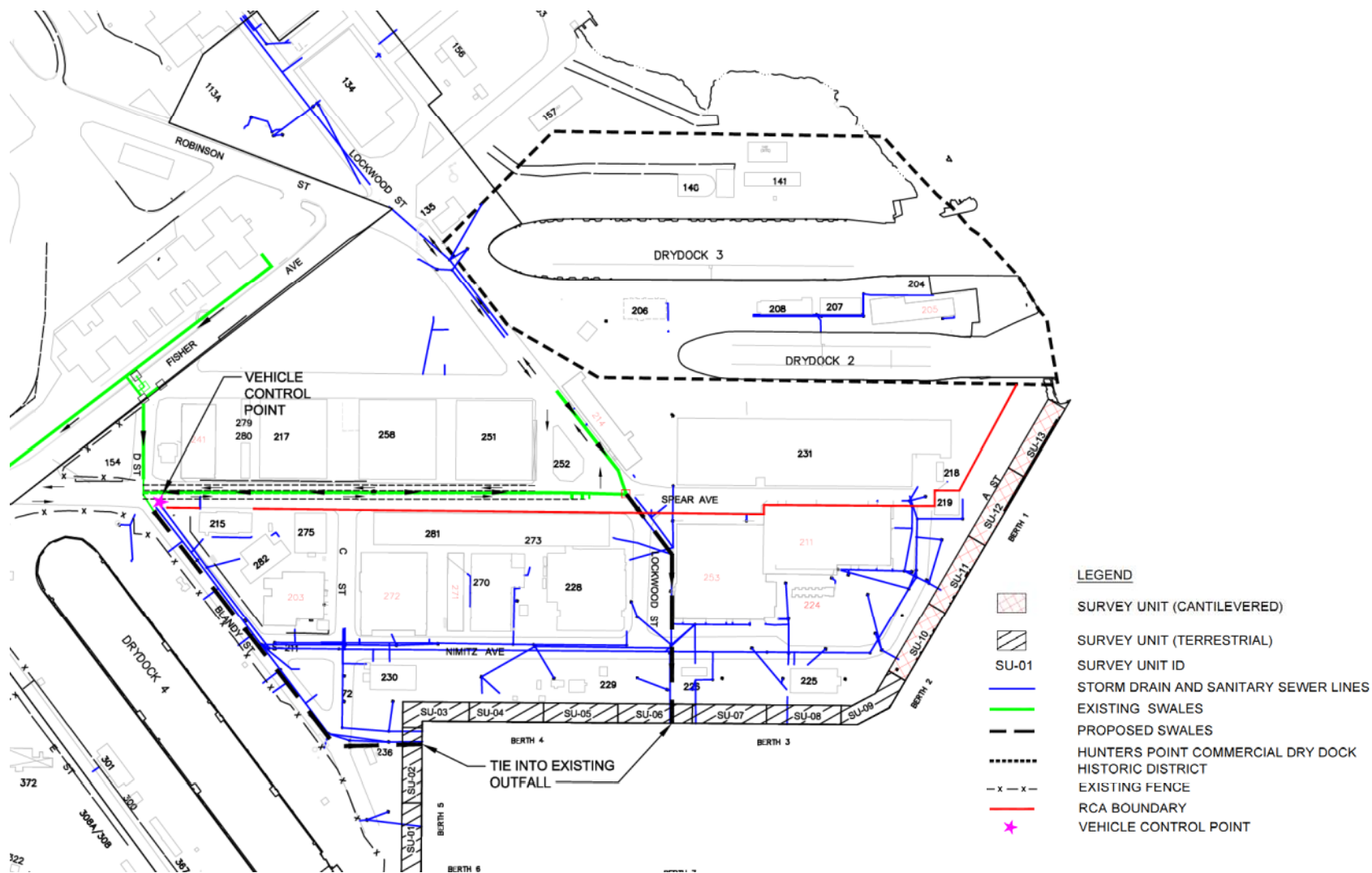


Parcel C contains an estimated total of 37,207 lf of SS/SD lines

- Phase 1 removed 16,119 linear feet of SS/SD lines
 - 28,176 cubic yards of soil
- Phase II began in November 2012
 - 1,245 linear feet of SS/SD lines
 - 4,110 cubic yards of soil



Phase II SS/SD Lines





Field Activities in Parcel C Phase II



Excavation of SS/SD lines adjacent to Building 203



Excavation of manhole vault adjacent to Building 203



Staging of pipe sections and manhole debris for surveying and sampling.



Parcel C Remaining Building and Site Surveys



Building 253 and 211

- Field work started January 9

Ship Berths 1 to 5

- Field work started January 15

North Pier

- Awaiting analytical results

Building 224 (Bomb shelter)

- To be scoped at a later date

Building 205 (Pump house)

- To be scoped at a later date



Radiological Survey of Buildings 253 and 211



- Objective of the radiological survey of Buildings 253 and 211 are to identify and characterize the extent of radiological contamination
 - 2002-2004, Phase V investigations identified contamination
- Final Execution Plan and APP/SSHP have been submitted
- Mobilization and preparation of building began on January 9th
- Preparation includes:
 - Installation of safety set backs on roof
 - General cleanup including removal of broken window panes
 - Collection of standing water from work areas
 - Performing a preliminary radiological H&S survey of the building
 - Scanning and surveying of ventilation ducts



Field Activities in Building 253 and 211



Installing safety rail on the roof (6th floor)

Removing broken windows and standing water on 6th floor.





Field Activities in Building 253 and 211



Material and equipment (M&E) is present on each of the floors.

Building cleanup is ongoing, all debris and trash collected will undergo radiological survey to determine proper disposal method



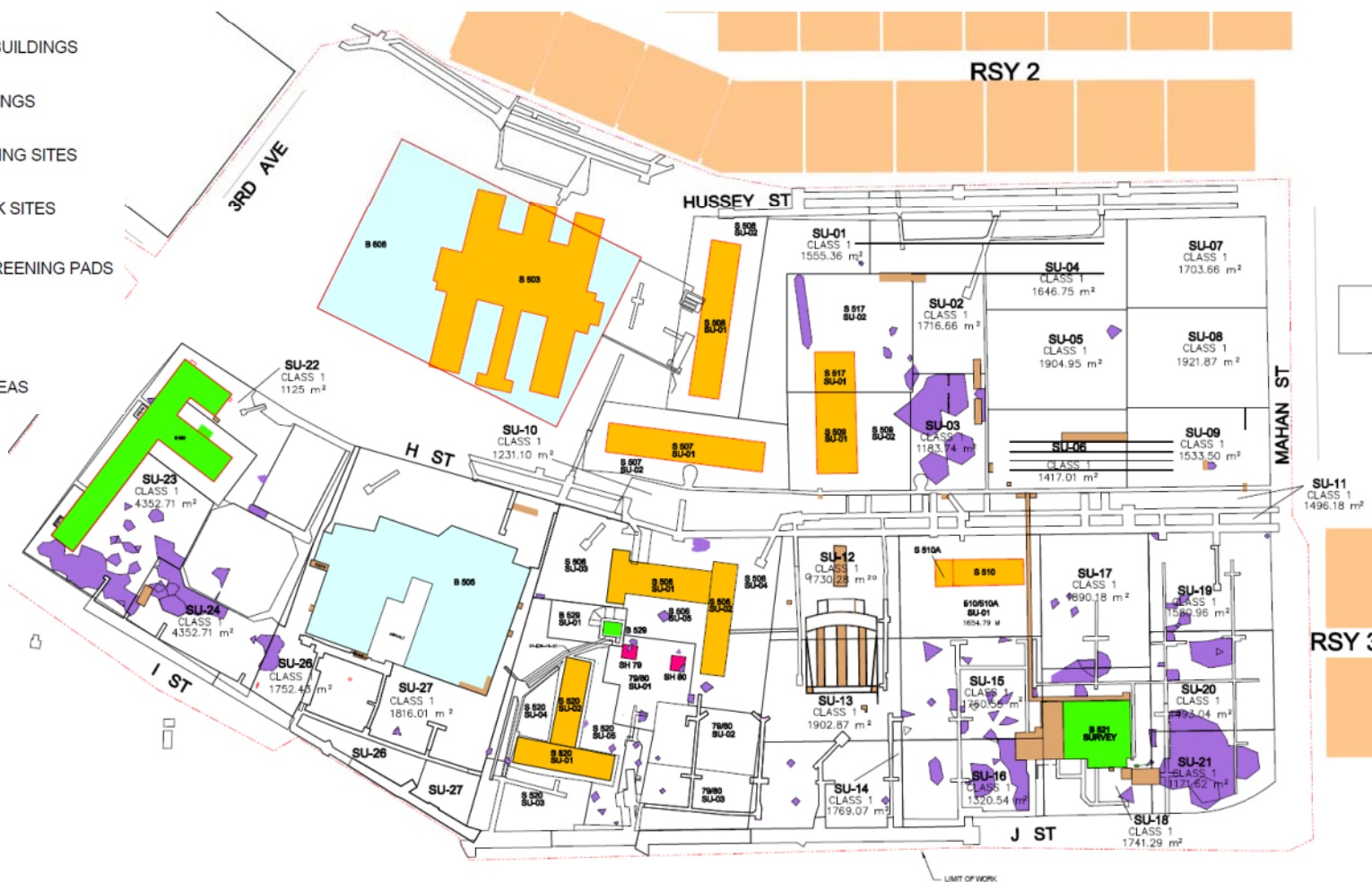


Impacted Building and Sites Within Parcel E 500 Series Area



LEGEND

- SU-01 SURVEY UNIT
- B- NON-IMPACTED BUILDINGS
- B- IMPACTED BUILDINGS
- S- IMPACTED BUILDING SITES
- S- IMPACTED SHACK SITES
- RSY 2 AND 3 SCREENING PADS
- CONCRETE
- REMEDIATED AREAS





Parcel E 500 Series Building and Site Surveys



Former Building Site 503	• Internal Draft FSS under review
Former Building Site 507	• Draft scheduled for January 25
Former Building Site 508	• Draft scheduled for January 25
Former Building Site 509	• Final FSS submitted
Former Building Site 517	• Awaiting analytical data
Building 500	• CDPH performed confirmatory survey on December 19
Building 521	• CDPH performed confirmatory survey on December 19
Former Building Site 520	• Developing RTCs
Former Building Site 506	• Draft submitted January 23
Former Building Sites 510/510A	• Final FSS submitted
Former Building Site 529	• Final FSS submitted
Former Shacks 79/80	• Field work ongoing, 1 SU resampled and remediated
500 Area Site	• Field work in 1 SU remaining, awaiting analytical data



Parcel E Field Activities



Parcel E 500 Area

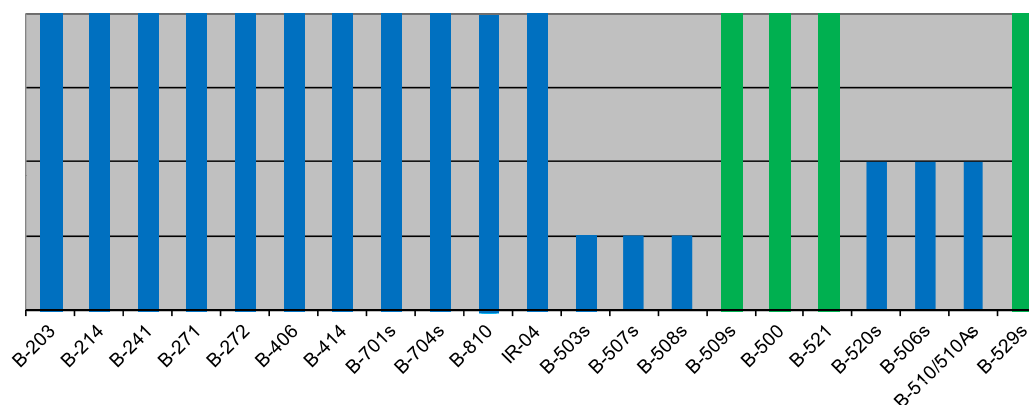
- Completed the asphalt restoration adjacent to Building 606
- Storm drainage system installation on-going
- Will continue with the survey, sampling, and remediation activities
 - 1 survey unit remaining (500 Series Area, SU-23)
 - 1 survey unit remaining (Shacks 79/80)
 - 1 survey unit remaining (707 Triangle)



Parcel C & E Buildings/Sites FSS Report Status



Free-Released
Final
Draft
Internal Draft
(Data under review)



Waiting for concurrence of
Free-Release determination





Parcel D-1, Phase I Report Status



- Former Building 383 site
 - Drafting RTCs
- Building 313, 313A & 322 Sites
 - Drafting RTCs
- Building 274
 - Confirmation survey Dec 19
 - Awaiting Free-release letter from CDPH
- Gun Mole Pier and South Pier
 - South Pier FSS Draft to be submitted January 31
 - Gun Mole Pier FSS in Internal Draft review
- Phase I RACR
 - Submitted for Internal Draft on January 18



Parcel D-1, Phase II



- Remove, sample, survey, remediate, backfill, and restore approximately 5,700 lineal feet of SS/SD lines
- Conduct surveys at the NRDL Site to support free-release goal
- Conduct surveys at Parcel D-1 Ship Berths (21,22 & 29) to support free-release goal
- Radiological survey to support the disposal of rail ties as non-radiological construction debris.





Project Schedule



Submit Internal Draft Execution Plan	January 18, 2013
Submit Draft Execution Plan	March 22, 2013
Submit Final Execution Plan	June 14, 2013
Mobilization	June 21, 2013
Field Work Completion	November 12, 2013
Completion Reports	February 3, 2013



Comments, Questions, Concerns ???